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(copyright)

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REGIONS OF THE CEREBRAL CORTEX IN THE  
PRESENCE OF THE FORMATION OF MOTOR CON-  
DITIONAL REFLEXES. [1961] 7p. 10 refs.  
Order from OTS or SLA \$1.10 62-15057

Trans. of Fiziologicheskii Zhurnal SSSR, 1955, v. 41,  
no. 1, p. 19-24.

DESCRIPTORS: \*Cerebral cortex, \*Conditioned reflex,  
Motor reactions, Nervous system, Stimulation.

Experiments in the region of the motor analyzer  
in cats in which the appropriate conditioned reflexes  
had been established showed that rise in the excitabi-  
lity of the cerebral cortex at the point of reinforcing  
stimulation produced by the signal stimulus sets in  
(Biological Sciences--Physiology, TT, v. 7, no. 12)  
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CIA/FBI/4-7732

13M

Office of Technical Services

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The Conditioned Reflex Mechanism of the Influence of Emotions on Work Capacity, by V. I. Missyuro, 6 pp.

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The Physiology of the Motor Analyzer of Man, by D. I. Shatenshteyn, Ye. N. Yordanskaya, 16 pp.

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(FDD 25885)

Participation of the Sympathetic Section of the Nervous System in the Compensatory Reactions of the Organism During Asphyxia Produced During a Spasm of the Bronchial Musculature, by T. M. Turpayev, A. G. Putintseva, 16 pp.

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Change in the Contraction Capacity of the Heart During  
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Jan 56 CFB/DEX

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DESCRIPTORS: \*Heart, \*Recording systems, \*Radio,  
Measurement, Motor reactions, Man, Electronics,  
\*Electrodes, Experimental data, Analysis, \*Medical  
research, \*Scientific research, Bioelectronics.

(Biological Sciences--Physiology, TT, v. 7, no. 9)  
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1. Title: Remote recording
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Sci - Medicine

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Sci - Medicine

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DESCRIPTOR: Inhibition, Stimulation, Reflexes,  
\*Carotid sinus, \*Chemoreceptors, Nerves, \*Neuromuscular transmission, \*Blood pressure

Data is presented on the reflex depressions of blood pressure produced by stimulating the sinocarotid nerve electrically (with stimuli varying in frequency and strength) as well as those evoked by adequate stimulation of the carotid sinus baroreceptors during a rise of intracranial pressure. The afferent impulses in the trunk of the sinocarotid nerve was also studied.  
(Biological Sciences--Physiology. TT, v. 10, no. 10)

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Sci - Medicine, Physiology

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Sci - Medicine

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